		ORDER FOR SUPP	LILO OIL OLIVI						
CONTRACT/PURCH OF	RDER/AGREEMENT NO.	2. DELIVERY ORDER/CALL	NO.	3. DATE OF ORDERICA (YYYYMMMDD)	LL 4	. REQUISITION	PURCH REQUEST	NO.	5. PRIORITY
00014-19-0-70	01	N00014-19-F-M010			1	300777839			DO C9
ISSUED BY	CODE	N00014	7 ADMINISTERED BY	(If other than 6)	со	DE	S1103A	8.0	ELIVERY FOB
ffice of Nava	l Research (BD253)		DCMA ATLANTA						DESTINATION
_	t, 850-276-2279		2300 LAKE PA	RK DRIVE					OTHER
ary.dent@navy 75 N. Randolp!			SUITE 300 SMYRNA GA 30	000					(See Schedule if
rlington VA 2			SHIRMA GA SU	000					other)
							SCD-C		
. CONTRACTOR	CODE	1G3V8	FACILITY			VER TO FOB PO		11. X	IF BUSINESS IS
Advanc	 ced Technology Inter	national			Multi	<i>/MMMDD)</i> .ple			SMALL
MAME	Mica Dolan				12. DISCO	OUNT TERMS		-	SMALL
AND 315 S1	igma Drive rville SC 29486-7790		21					<u> </u>	DISADVANTAGE
ADDRESS Summer	1V111e 3C 25486-7750								WOMEN-OWNED
					13, MAIL See S	NVOICES TO TO Section G	HE ADDRESS IN BL	DCK	
I. SHIP TO	CODE	N00014	15. PAYMENT WILL BE	MADE BY	COI	DÉ	HQ0338	$\overline{}$	
ffice of Nava	l Research		DFAS COLUMB S	SOUTH ENTL-HQ03	138				
ttn: Mr. Paul			PO BOX 182264	1					MARK ALL PACKAGES AND
75 North Rando	-		COLUMBUS OH	13218-2264				15	PAPERS WITH
rlington VA 22	2203-1995							- 1	IDENTIFICATION NUMBERS IN
						- 10			BLOCK 1 AND 2.
16. DELIVERY/	X This delivery order/call is iss	ued on another Government ager	ncy or in accordance with	and subject to terms and co	anditions of	above numbered	contract	8	
TYPE CALL	10	PEC .							
OF	Reference your Prop	osal dated 6 Dec 2	DIR				furnish the f	no gniwollo	terms specified herein
RDER PURCHASE									
ORDER PURCHASE		TRACTOR HEREBY ACCEPTS TO						AVE	
	BEEN OR IS NOW MODIF	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS	SET FORTH, AND AGRE	EES TO PEI		ME.		
Advanced Technology	BEEN OR IS NOW MODIF	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS	SET FORTH, AND AGRE ident Contracts and Procure	EES TO PEI		ME.	319 Aug 20	DATE SKONED
Advanced Technology NAME OF CONTRA	BEEN OR IS NOW MODIF International ACTOR SI	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ica R. Dolan, Sr. Vice Presi	SET FORTH, AND AGRE	EES TO PEI		ME.)19 Aug 20	DATE SIGNED YYYYMMMDDJ
Advanced Technology NAME OF CONTRA	BEEN OR IS NOW MODIF International MICHAEL SI ACTOR SI Supplier must sign Acceptance and re	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ica R. Dolan, Sr. Vice Presi	SET FORTH, AND AGRE ident Contracts and Procure	EES TO PEI		ME.)19 Aug 20	
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AF	BEEN OR IS NOW MODIF International Maca-R Dola- International Maca-R Dola- International Maca-R Dola- International Maca-R Dola- SI Supplier must sign Acceptance and re PPROPRIATION DATALOCAL USE	IED, SUBJECT TO ALL OF THE T TORK USE THE	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE ident Contracts and Procure	EES TO PEI		ME.)19 Aug 20	
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AF	BEEN OR IS NOW MODIF International MICHAEL SI ACTOR SI Supplier must sign Acceptance and re	IED, SUBJECT TO ALL OF THE T TORK USE THE	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE ident Contracts and Procure	EES TO PEI		ME.)19 Aug 20	
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AF	BEEN OR IS NOW MODIF International Maca-R Dola- International Maca-R Dola- International Maca-R Dola- International Maca-R Dola- SI Supplier must sign Acceptance and re PPROPRIATION DATALOCAL USE	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE ident Contracts and Procure	EES TO PEI		ME.)19 Aug 20	
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AF	BEEN OR IS NOW MODIF International Maca-R Dola- International Maca-R Dola- International Maca-R Dola- International Maca-R Dola- SI Supplier must sign Acceptance and re PPROPRIATION DATALOCAL USE	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE ident Contracts and Procure	EES TO PEI		ME.)19 Aug 20	
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AF	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 55 0 00140 050120 20	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE ident Contracts and Procure TYPED NAME AND T	EES TO PEI		ME 20	019 Aug 20 C	
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AF L 791319 W3MT 2	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 55 0 00140 050120 20	GNATURE Sturm the following number of copie	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	S SET FORTH, AND AGRE ident Contracts and Procure TYPED NAME AND T	EES TO PEI	RFORM THE SA	ME 20	019 Aug 20 C	YYYYMMMDD)
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AF . 791319 W3MT 2	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 55 0 00140 050120 20	GNATURE Sturm the following number of copie	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T	EES TO PEI	RFORM THE SA	ME 20	019 Aug 20 C	YYYYMMMDDJ
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AF 791319 W3MT 2	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 55 0 00140 050120 20	GNATURE Sturm the following number of copie	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T	EES TO PEI	RFORM THE SA	ME 20	019 Aug 20 C	YYYYMMMDDJ
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AF 791319 W3MT 2	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 55 0 00140 050120 20	GNATURE Sturm the following number of copie	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T	EES TO PEI	RFORM THE SA	ME 20	019 Aug 20 C	YYYYMMMDD)
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 7. 13. ITEM NO.	BEEN OR IS NOW MODIF International Mac R Dola. ACTOR SI Supplier must sign Acceptance and re PROPRIATION DATALOCAL USE 155 0 00140 050120 20 19. SC	GNATURE Sturm the following number of copie	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T	EES TO PEI	RFORM THE SA	ME 20	019 Aug 20 C (1	YYYYMMMDD)
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AF 791319 W3MT 2 18. ITEM NO.	BEEN OR IS NOW MODIF International MCTOR SI Supplier must sign Acceptance and re PROPRIATION DATALOCAL USE 155 0 00140 050120 20 19. SC	GNATURE Sturm the following number of copie 10 000000 A000049863 HEDULE OF SUPPLIES/SERVICE:	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150	SET FORTH, AND AGRE ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED/ ACCEPTED	EES TO PEI	22. UNIT F	ME	019 Aug 20 C (1	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 7. 91319 W3MT 2 18. ITEM NO. If quantity accepted by the uantity ordered, indicate and other actual quantity accepted interactual qua	BEEN OR IS NOW MODIF International Mosa R Dola. ACTOR SI Supplier must sign Acceptance and re PROPRIATION DATALOCAL USE 155 0 00140 050120 20 19. SC 19. SC	GNATURE Sturm the following number of copie 0 000000 A000049863	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150	SET FORTH, AND AGRE ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED/ ACCEPTED	EES TO PEI	RFORM THE SA	RICE	019 Aug 20 C (1	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 1.791319 W3MT 2 18. ITEM NO. If quantity accepted by the quantity accepted by the contract actual quantity accepted to the contract actual quantity accepted 7. QUANTITY IN COLUM	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 15.5 0 00140 050120 20 19. SC 19. SC 19. SC 19. SC 19. SC	IED. SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150	SET FORTH, AND AGRE ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED/ ACCEPTED	EES TO PEI	22. UNIT F	RICE	019 Aug 20 C (1	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 1.791319 W3MT 2 18. ITEM NO. If quantity accepted by the quantity ordered, indicate being a comparative accepted in the property of the prop	BEEN OR IS NOW MODIF International MEDIA ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATAFLOCAL USE 15.5 0 00140 050120 20 19. SC	ED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 1.50	SET FORTH, AND AGRE ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED/ ACCEPTED	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES	219 Aug 20 (1	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 7. P1319 W3MT 2 18. ITEM NO. If quantity accepted by the unatity ordered, indicate between actual quantity accepted by the plant actual quantity accepted. INSPECTED	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 15.5 0 00140 050120 20 19. SC 19. SC 19. SC 19. SC 19. SC	ED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150	SET FORTH, AND AGRE ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED/ ACCEPTED	Z1. UNIT	22. UNIT F	RICE	219 Aug 20 (1	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 7. P1319 W3MT 2 18. ITEM NO. If quantity accepted by the unablity accepted, indicate between actual quantity accepted interactual quantity accepted. INSPECTED	BEEN OR IS NOW MODIF International MEDIA ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATAFLOCAL USE 15.5 0 00140 050120 20 19. SC	ED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150 S	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED! ACCEPTED: CONTRACTIN	Z1. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES	219 Aug 20 (1	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is merked, 7. ACCOUNTING AND AP 7. 91319 W3MT 2 18. ITEM NO. If quantity accepted by the uantity ordered, indicate be interactual quantity accepted in the property of the p	BEEN OR IS NOW MODIF International MEDIA ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATAFLOCAL USE 15.5 0 00140 050120 20 19. SC	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150 S	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED! ACCEPTED: CONTRACTIN	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES	219 Aug 20 (1	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AP 7.91319 W3MT 2 18. ITEM NO. 19. IT	BEEN OR IS NOW MODIF International MCTOR SI Supplier must sign Acceptance and re PPROPRIATION DATALOCAL USE 15 5 0 00140 050120 20 19. SC	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presides: 1 150 25. DATE (YYYMMMDD) 28. SHIP, NO.	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED! ACCEPTED CONTRACTIN d. PRINTED NV REPRESE!	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME	2: NT	s, AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AP 7.91319 W3MT 2 18. ITEM NO. 19. IT	BEEN OR IS NOW MODIF International March Delan ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATALOCAL USE 55 0 00140 050120 20 19. SC	IED, SUBJECT TO ALL OF THE T CONTROL OF THE TO THE	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presides: 1 150 2. DATE (YYYYMMMDD)	20. QUANTITY ORDERED ACCEPTED (d. PRINTED NA REPRESEI	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME	2: NT	3. AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AP 7.91319 W3MT 2 18. ITEM NO. 19. IT	BEEN OR IS NOW MODIF International MCCTOR SI Supplier must sign Acceptance and re PPROPRIATION DATALOCAL USE 55 0 00140 050120 20 19. SC	IED, SUBJECT TO ALL OF THE T CONTROL OF THE TO THE	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 1.50 C. DATE (YYYYAMMDD) 28. SHIP. NO. PARTIAL FINAL	SET FORTH, AND AGRE Ident Contracts and Procure TYPED NAME AND T 20. QUANTITY ORDERED! ACCEPTED CONTRACTIN d. PRINTED NV REPRESE!	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME 30. INITIALS	NT VERIFIED (s, AMOUNT
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AP 791319 W3MT 2 18. ITEM NO. If quantity accepted by the vanity ordered, indicate the order actual quantity accepted in the rectual quantity accepted in the second order actual quantity accepted in the second order actual quantity accepted in SIGNATURE OF AUTHORS	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 55 0 00140 050120 20 19. SC 19. SC 19. SC PROPRIATION DATA/LOCAL USE ACCEPTANTON DATA/LOCAL USE 19. SC 19. SC 19. SC PROPRIATION DATA/LOCAL USE 19. SC 19. SC 19. SC	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi as: 1 550 C. DATE (YYYYMMMDD) 28. SHIP. NO. PARTIAL FINAL 31. PAYMENT	20. QUANTITY ORDERED/ ACCEPTED d. PRINTED NY REPRESE	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME	NT VERIFIED (s, AMOUNT \$3,754,187.0
Advanced Technology NAME OF CONTRA If this box is marked, ACCOUNTING AND AP 791319 W3MT 2 18. ITEM NO. 18. ITEM NO. 19. ITE	BEEN OR IS NOW MODIF International March Delan ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATALOCAL USE 55 0 00140 050120 20 19. SC	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 1.50 C. DATE (YYYYAMMDD) 28. SHIP. NO. PARTIAL FINAL	20. QUANTITY ORDERED/ ACCEPTED d. PRINTED NY REPRESE	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME 30. INITIALS 33. AMOUNT V. 34. CHECK NU	D19 Aug 20 C (1) C (2) C (2) C (3) C (4) C	S3,754,187.0
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 7. POLY ACCOUNTING AND AP 7. ACCOUNTING ACCOUNTING 1. INSPECTED 6. SIGNATURE OF AUTH 6. MAILING ADDRESS OF 7. TELEPHONE NUMBER 6. I CERTIFY THIS ACCOUNTING 6. DATE	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 55 0 00140 050120 20 19. SC 19. SC 19. SC PROPRIATION DATA/LOCAL USE ACCEPTANTON DATA/LOCAL USE 19. SC 19. SC 19. SC PROPRIATION DATA/LOCAL USE 19. SC 19. SC 19. SC	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi as: 1 550 C. DATE (YYYYMMMDD) 28. SHIP. NO. PARTIAL FINAL 31. PAYMENT	20. QUANTITY ORDERED/ ACCEPTED d. PRINTED NY REPRESE	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME 30. INITIALS	D19 Aug 20 C (1) C (2) C (2) C (3) C (4) C	S3,754,187.00
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 1.791319 W3MT 2 18. ITEM NO. 18. ITEM NO. 19. ITEM NO. INSPECTED INSP	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 15.5 0 00140 050120 20 19. SC 19. SC 19. SC RECEIVED RECEIVED ACCEPTHE CO HORIZED GOVERNMENT REPRESE OF AUTHORIZED GOVERNMENT RE RECEIVED OF AUTH	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 550 C. DATE (YYYYMMMDD) 28. SHIP. NO. PARTIAL FINAL 31. PAYMENT COMPLETE	20. QUANTITY ORDERED/ ACCEPTED d. PRINTED NY REPRESE	21. UNIT	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME 30. INITIALS 33. AMOUNT V. 34. CHECK NU	D19 Aug 20 C (1) C (2) C (2) C (3) C (4) C	S3,754,187.00
Advanced Technology NAME OF CONTRA If this box is marked, 7. ACCOUNTING AND AP 1.791319 W3MT 2 18. ITEM NO. If quantity accepted by the unantity ordered, indicate to inter actual quantity eccep 7a. QUANTITY IN COLUM INSPECTED b. SIGNATURE OF AUTH 6. MAILING ADDRESS O 7. TELEPHONE NUMBER 6. I CERTIFY THIS ACCOUNTY	BEEN OR IS NOW MODIF International ACTOR SI Supplier must sign Acceptance and re PPROPRIATION DATA/LOCAL USE 15.5 0 00140 050120 20 19. SC 19. SC 19. SC RECEIVED RECEIVED ACCEPTHE CO HORIZED GOVERNMENT REPRESE OF AUTHORIZED GOVERNMENT RE RECEIVED OF AUTH	IED, SUBJECT TO ALL OF THE T	ERMS AND CONDITIONS ics R. Dolan, Sr. Vice Presi es: 1 150 C. DATE (YYYYMMMDD) 28. SHIP. NO. PARTIAL FINAL 31. PAYMENT COMPLETE PARTIAL	20. QUANTITY ORDERED/ ACCEPTED d. PRINTED NY REPRESE	21. UNIT UNIT WAS AND THAT IVE	22. UNIT F	RICE 25. TOTAL 26. DIFFERENCES RIZED GOVERNME 30. INITIALS 33. AMOUNT V. 34. CHECK NU	O19 Aug 20 C C C C Z Z Z Z ADING NO.	S3,754,187.00

Section B - Supplies or Services/Prices

CLINs/SLINs (Base Plus Exercised Options)

Item Number	Description	Quantity	Unit	Unit Price		Amount
0001						3,754,187.00
	The Contractor shall develop and manage					
	projects awarded under the Navy					
	Manufacturing Technology (ManTech) Center					
	for Innovative Naval Shipbuilding and					
	Advanced Manufacturing in accordance with					
	Attachment 1, SOW.					
	Award Type: Cost-plus-fixed-fee					
	Total Estimated Cost: \$3,575,416.00					
	Fixed Fee: \$178,771.00					
	Completion Form					
	Product/Service Code: AE33					
000101			LO			
	Incremental Funding					
	ACRN AA: \$200,000					
	ERP PR 1300777839					
	Line 1					
	(Qty:0 and Amt: \$200,000.00)					
	Award Type: Cost-plus-fixed-fee					
0002						0.00
	Option 1					
	The Contractor shall develop and manage					
	projects awarded under the Navy					
	Manufacturing Technology (ManTech) Center					
	for Innovative Naval Shipbuilding and					
	Advanced Manufacturing in accordance with					
	Attachment 1, SOW.					
	Award Type: Cost-plus-fixed-fee					
	Award Type, Cost-plus-fixed-fee					
	Total Estimated Cost: \$1,798,454.00					0.
	Fixed Fee: \$89,923.00					
	Completion Form					
	Amount: \$1,888,377.00					
	(Option Line Item)					
	Product/Service Code: AE33				147	
0003						0.00
	Option 2					
	The Contractor shall develop and manage					
	projects awarded under the Navy					
	Manufacturing Technology (ManTech) Center					
	for Innovative Naval Shipbuilding and					
	Advanced Manufacturing in accordance with					
	Attachment I, SOW.					
	Award Type: Cost-plus-fixed-fee					
	Total Estimated Cost; \$1,843,834,00					
	Fixed Fee: \$92,192.00					
	Completion Form					
	Amount: \$1,936,026,00 (Option Line Item)					

Item Number	Description	Quantity	Unit	Unit Price	Amoun	it
	Product/Service Code: AE33					
0004						0.00
	Option 3					
	The Contractor shall develop and manage					
	projects awarded under the Navy					
	Manufacturing Technology (ManTech) Center					
	for Innovative Naval Shipbuilding and					
	Advanced Manufacturing in accordance with					
	Attachment 1, SOW.					
	Award Type: Cost-plus-fixed-fee					
	Total Estimated Cost: \$1,767,866.00				31	
	Fixed Fee: \$88,393.00					
	Completion Form					
	Amount: \$1,856,259.00					
	(Option Line Item)					
	Product/Service Code: AE33					

The total amount of the base and exercised options is \$3,754,187.00.

The total potential amount for this action is \$9,434,849.00.

Section C - Description/Specifications

ONR- Statement of Work

The Contractor shall conduct the effort under CLIN(s) 0001 in accordance with Attachment 1, Statement of Work and Exhibit A, Contract Data Requirements List.

If Option 1 is exercised, the Contractor shall conduct the effort under CLIN(s) 0002 in accordance with Attachment 1, Statement of Work and Exhibit A, Contract Data Requirements List.

If Option 2 is exercised, the Contractor shall conduct the effort under CLIN(s) 0003 in accordance with Attachment 1, Statement of Work and Exhibit A, Contract Data Requirements List.

If Option 3 is exercised, the Contractor shall conduct the effort under CLIN(s) 0004 in accordance with Attachment 1, Statement of Work and Exhibit A, Contract Data Requirements List.

Section D - Packaging and Marking

ONR- Packaging and Marking

Preservation, packaging, packing and marking of all deliverable contract line items shall conform to normal commercial packing standards to assure safe delivery at destination.

Section E - Inspection and Acceptance

ONR- Award Inspection and Acceptance

Inspection and acceptance of the reports and/or other deliverables under this contract will be accomplished by the COR/Program Officer designated in Section F of this contract, who shall have thirty (30) calendar days after contractual delivery for acceptance. If the contract includes a Not-Separately-Priced (NSP) CLIN(s) that is/are to be delivered before the current end date in the period of performance, the contractor shall use a receiving report in WAWF as a Material Inspection and Receiving Report in lieu of a DD Form

250 for each NSP CLIN due before the end of the current period. Otherwise, the receiving report required for the final report in Exhibit A can include the final report and any other NSP CLINs due at the same time.

Section F - Deliveries or Performance

ONR- Period of Performance

The effort performed under CLIN(s) 0001 shall be conducted in accordance with the dates below. If Option 1 is exercised, the effort performed under CLIN(s) 0002 shall be conducted in accordance with the dates below.

If Option 2 is exercised, the effort performed under CLIN(s) 0003 shall be conducted in accordance with the dates below.

If Option 3 is exercised, the effort performed under CLIN(s) 0004 shall be conducted in accordance with the dates below.

CLIN	Award Date	Completion Date	Total Months
Base	Wednesday, August 21, 2019	Friday, August 20, 2021	24
Option 1	Saturday, August 21, 2021	Saturday, August 20, 2022	12
Option 2	Sunday, August 21, 2022	Sunday, August 20, 2023	12
Option 3	Monday, August 21, 2023	Tuesday, August 20, 2024	12

CLIN(s)/SLIN(s) will be delivered as follows:

Item/Sub Number	Item Description	Delivery Code	Delivery Address	Period of Performance (if applicable)	Delivery No Later Than (if applicable)
0001	The Contractor shall develop and manage projects awarded under the Navy Manufacturing Technology (ManTech) Center for Innovative Naval Shipbuilding and Advanced Manufacturing in accordance with Attach	N00014	Office of Naval Research Attn: Mr. Paul Huang 875 North Randolph Street Arlington VA 22203- 1995	8/21/2019 - 8/20/2021	08/20/2021
0002	Option 1 The Contractor shall develop and manage projects awarded under the Navy Manufacturing Technology (ManTech) Center for Innovative Naval Shipbuilding and Advanced Manufacturing in accordance w	N00014	Office of Naval Research Attn: Mr. Paul Huang 875 North Randolph Street Arlington VA 22203- 1995	8/21/2021 - 8/20/2022	08/19/2022
0003	Option 2 The Contractor shall develop and manage projects awarded under the Navy Manufacturing Technology (ManTech) Center for Innovative Naval Shipbuilding and Advanced Manufacturing in accordance w	N00014	Office of Naval Research Attn: Mr. Paul Huang 875 North Randolph Street Arlington VA 22203- 1995	8/21/2022 - 8/20/2023	08/18/2023
0004	Option 3 The Contractor	N00014	Office of Naval	8/21/2023 - 8/20/2024	08/19/2024

Item/Sub Number	I Itam Haccrintian	Delivery Code	Delivery Address	Period of Performance (if applicable)	Delivery No Later Than (if applicable)
	shall develop and manage projects awarded under the Navy Manufacturing Technology (ManTech) Center for Innovative Naval Shipbuilding and Advanced Manufacturing in accordance w	5.5	Research Attn: Mr. Paul Huang 875 North Randolph Street Arlington VA 22203- 1995		1.

- 1) Any request for a period of performance extension shall be submitted in writing to the Contracting Officer and Contracting Officer Representative (COR)/Program Officer no later than thirty (30) calendar days prior to the expiration of the contract to allow the Government time to consider, and if approved, process the request. Requests submitted less than thirty (30) calendar days prior to the expiration of the contract may be rejected and not processed by the Government.
- 2) The request shall include (a) Contract number, (b) Contract Line Item Number (CLIN) associated with the extension, (c) current expiration date of the CLIN associated with the extension, (d) revised date for which the extension is requested, (e) the rationale as to why the extension is required, (f) status of the remaining task(s) to be completed during the extension period, (g) plan of action for completing the effort, and (h) evidence of sufficient funding under the CLIN to ensure remaining task(s) may be completed during the extension.

ONR- Distribution of Invention Disclosures and Reports

The Contractor shall submit all invention disclosures and reports required by the Patent Rights clause of the contract to Office of Naval Research, Corporate Counsel (Code 07) with a copy to the Administrative Contracting Officer. The invention disclosures can either be mailed to Office of Naval Research, Department of the Navy, Corporate Counsel (Code 07), 875 North Randolph Street, Arlington, VA 22203-1995 or e-mailed to ONR.NCR.BDCC.list.invention.reports@navy.mil. The Corporate Counsel will provide a recommendation to the Administrative Contracting Officer. The Corporate Counsel will represent the Contracting Officer with regard to invention reporting matters arising under this contract.

ONR- Place of Delivery

All deliverable items (e.g., prototypes and software stated in Section B, and reports and data listed in the DD1423) shall be F.O.B. Destination.

Section G - Contract Administration Data

ONR- Procuring Office Representative

In order to expedite administration of this contract, the Administrative Contracting Officer should direct inquiries to the appropriate office listed below.

Contract Negotiator -- Ms. Mary Helen Dent, BD253, (P) (850) 276-2279, mary.dent@navy.mil Contract Negotiator -- Mr. Shawn Ryan, BD253, (P) (703) 588-2550, shawn.ryan@navy.mil Inspection and Acceptance -- Mr. Paul Huang, Code 33, (P) (703) 696-8179, paul.huang@navy.mil Security Matters -- Ms. Torri Powell, ONR 43, (P) (703) 696-8177, torri.powell@navy.mil Patent Matters -- Mr. John Forrest, ONR 07, (P) (703) 696-4000, ONR.NCR.BDCC.list.invention.reports@navy.mil

ONR- Contract Administration Delegation

In accordance with FAR 42.202, the contracting officer delegates all contract administration functions listed in FAR 42.302(a) with the exception of consent to subcontract.

The Contractor is advised to direct all inquiries concerning administration of this contract to the Administrative Contracting Officer designated in Block 6 of the Standard Form 26 of this contract.

ONR- Award Distribution (JULY 2015)

In accordance with the requirements of FAR 4.201, distribution is made to the contractor, program office, administrative contracting office, payment office and audit office. See the following matrix to determine the specific distribution location, which is based upon the award form used:

SF 26	SF 30	SF 33	SF 1449	DD1155
See Block 7	See Block 8	See Block 15A	See Block 17a	See Block 9
See Block 11 or Section G	See Block 6	See Block 11 or Section G	See Block 15	See Block 14
See Block 6	See Block 7	See Block 24	See Block 16	Seé Block 7
See Block 12	See Block 14	See Block 25	See Block 18a	See Block 15
See Section G	See Section G	See Section G	See Section G	See Section G
	See Block 11 or Section G See Block 6 See Block 12	See Block 7 See Block 8 See Block 11 or See Block 6 See Block 6 See Block 7 See Block 12 See Block 14	See Block 7 See Block 8 See Block 15A See Block 11 or Section G See Block 6 See Block 7 See Block 24 See Block 12 See Block 14 See Block 25	See Block 7 See Block 8 See Block 15A See Block 17a See Block 11 or See Block 6 See Block 11 or Section G See Block 6 See Block 7 See Block 24 See Block 16 See Block 12 See Block 14 See Block 25 See Block 18a

ONR- Type of Award

This is a Cost Plus Fixed Fee Completion Task Order.

ONR- Financial Accounting Data

ACRN	List of Item/Sub Number (LI#)	Line of Accounting (LOA)	Total Amount	
AA	000101	1791319 W3MT 255 0 00140 050120 2D 000000 A00004986350	\$200,000.00	
Total Obl	igated Amount		\$200,000.00	

ONR- Allotment of Funds

It is hereby understood and agreed that this contract will not exceed a total amount of \$3,754,187.00; including an estimated cost of \$3,575,416 and a fixed fee of \$178,771.

The total amount presently available for payment and allotted to CLIN 0001 of this contract is \$200,000; including an estimated cost of \$190,476 and a fixed fee of \$9,524. It is estimated that the amount allotted of \$200,000 will cover the period from date of award through 21 Sep 2019.

ONR- Submission of Invoices in WAWF

When submitting invoices into Wide Area Workflow (WAWF) within the Procurement Integrated Enterprise Environment (PIEE) e-Business suite, the 13-digit Delivery Order/Call Number, found in block 2 on page 1 of the DD 1155, shall be used as the Contract Number field on the invoice. The Delivery Order field on the invoice shall be left blank. Additional invoicing instructions can be found within DFARS clause 252.232-7006.

ONR- Award Notification/Distribution

Office of Naval Research (ONR) award and modification documents are available via the Department of Defense (DoD) Electronic Document Access System (EDA) within the Procurement Integrated Enterprise Environment (PIEE)(https://wawf.eb.mil/).

EDA is a Web-based system that provides secure online access, storage and retrieval of awards and modifications to DoD employees and vendors (including contractors and recipients).

ONR creates an award notification profile for every award prior to the execution of the award using email addresses provided in the proposal or application. The notification profile will use the email address from the Business Point of Contact in the proposal to notify the recipient of an award.

If your organization needs to correct the EDA notification profile for an ONR award, please contact us at the following email address: ONR.NCR.BD024.list.HQ@navy.mil.

The following information should be provided:

- a. Email Subject: EDA Award Notification Change Request;
- b. ONR Award Number
- c. The new email address to be added to the EDA award notification profile.
- d. First name
- e. Last name
- f. Organization

IMPORTANT: In some cases, EDA notifications are appearing in recipients' Junk Email folder. If you are experiencing issues receiving EDA notifications, please check your junk email. If found, please mark EDA notifications as "not junk."

EDA inactivates user accounts for non-use after 90 days. Failure to use your account will result in inactivation. A password reset and EDA POC approval is required to reactivate accounts.

ONR- Payment Instructions

The payment office shall allocate and record the amounts paid to the accounting classification citations in the contract using the table located at

https://www.acq.osd.mil/dpap/dars/pgi/pgi_htm/current/PGI204_71.htm#payment_instructions based on the type of payment request submitted (see DFARS 252.232-7006) and the type of effort.

DFARS 252.232-7006 Wide Area WorkFlow Payment Instructions, (DEC 2018)

(a) Definitions. As used in this clause-

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

Payment request and receiving report are defined in the clause at 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

- (b) *Electronic invoicing*. The WAWF system provides the method to electronically process vendor payment requests and receiving reports, as authorized by Defense Federal Acquisition Regulation System (DFARS) 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.
- (c) WAWF access. To access WAWF, the Contractor shall-
 - (1) Have a designated electronic business point of contact in the System for Award Management at https://www.sam.gov; and
 - (2) Be registered to use WAWF at https://wawf.eb.mil/ following the step-by-step procedures for self-registration available at this Web site.
- (d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at https://wawf.eb.mil/.
- (e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.
- (f) WAWF payment instructions. The Contractor shall use the following information when submitting payment requests and receiving reports in WAWF for this contract or task or delivery order:
 - (1) Document type. The Contractor shall submit payment requests using the following document type(s):
 - (i) For cost-type line items, including labor-hour or time-and-materials, submit a cost voucher.
 - (ii) For fixed price line items-
 - (A) That require shipment of a deliverable, submit the invoice and receiving report specified by the Contracting Officer.

Cost Voucher

(B) For services that do not require shipment of a deliverable, submit either the Invoice 2in1, which meets the requirements for the invoice and receiving report, or the applicable invoice and receiving report, as specified by the Contracting Officer.

Destination/Destination (D/D)

- (iii) For customary progress payments based on costs incurred, submit a progress payment request.
- (iv) For performance based payments, submit a performance based payment request.
- (v) For commercial item financing, submit a commercial item financing request.
- (2) Fast Pay requests are only permitted when Federal Acquisition Regulation (FAR) 52.213-1 is included in the contract.

(Note: The Contractor may use a WAWF "combo" document type to create some combinations of invoice and receiving report in one step.)

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N00014
Admin DoDAAC**	S1103A
nspect By DoDAAC	Not Applicable
Ship To Code	Not Applicable
Ship From Code	Not Applicable
Mark For Code	Not Applicable
Service Approver (DoDAAC)	S1103A
ervice Acceptor (DoDAAC)	Not Applicable
Accept at Other DoDAAC	Not Applicable
.PO D₀DAAC	Not Applicable
OCAA Auditor DoDAAC	HAA632
Other DoDAAC(s)	Not Applicable

^{(*}Contracting Officer: Insert applicable DoDAAC information. If multiple ship to/acceptance locations apply, insert "See Schedule" or "Not applicable.")

- (** Contracting Officer: If the contract provides for progress payments or performance-based payments, insert the DoDAAC for the contract administration office assigned the functions under FAR 42.302(a)(13).)
- (4) Payment request. The Contractor shall ensure a payment request includes documentation appropriate to the type of payment request in accordance with the payment clause, contract financing clause, or Federal Acquisition Regulation 52.216-7, Allowable Cost and Payment, as applicable.
- (5) *Receiving report*. The Contractor shall ensure a receiving report meets the requirements of DFARS Appendix F.

Contractor must include the email address of the assigned COR referenced in the award when submitting invoices.

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

For WAWF Vendor support, please contact the WAWF Help Desk (disa.ogden.esd.mbx.cscassig@mail.mil; 801-605-7095); for Payment Issues, please contact the appropriate DFAS office (http://www.dfas.mil/contractorsvendors/dodaacsvc.html); for additional assistance, please contact ONR.NCR.BD021.list.all@navy.mil.

(2) Contact the WAWF helpdesk at 866-618-5988, if assistance is needed.

(End of clause)

Section H - Special Contract Requirements

ONR- Enterprise-Wide Contractor Manpower Reporting Application (ECMRA)

The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Office of Naval Research via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) D, Automatic Data Processing and telecommunications, IT and Telecom-Telecommunications Transmission (D304) and Internet (D322) ONLY;
- (5) S, Utilities ONLY;
- (6) V, Freight and Shipping ONLY.

The contractor is required to completely fill in all required data fields using the following web address www.ecmra.mil.

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk at dod.ecmra.support.desk@mail.mil.

0001 ONR - Consent to Subcontract and/or Hire Consultants

The services of the following subcontractors and/or consultants have been identified as necessary for the performance of this contract:

Consultants:

Base	Hours	Rate	Total Labor	Travel	Total
Dr. Richard Storch	900	\$125	\$112,500	\$17,110	\$129,610
Ms. Victoria Dlugokecki	800	\$160	\$128,000	\$15,576	\$143,576
Espeseth Associates, LLC	864	\$130	\$112,320	\$8,994	\$121,314
Mr. Donald T. Wallace	800	\$100	\$80,000	\$21,304.00	\$101,304

MRV Consulting, LLC	800	\$125	\$100,000	\$9,474.72	\$109,475
Option I					
Dr. Richard Storch	450	\$125	\$56,250	\$8,555	\$64,805
Ms. Victoria Dlugokecki	400	\$160	\$64,000	\$ 7,788	\$71,788
Espeseth Associates, LLC	432	\$130	\$56,160	\$ 4,497	\$60,657
Mr. Donald T. Wallace	400	\$100	\$40,000	\$ 10,652	\$50,652
MRV Consulting, LLC	400	\$125	\$50,000	\$ 4,737	\$54,737
Option II					
Dr. Richard Storch	450	\$125	\$56,250	\$8,555	\$64,805
Ms. Victoria Dlugokecki	400	\$160	\$64,000	\$7,788	\$71,788
Espeseth Associates, LLC	432	\$135	\$58,320	\$4,498	\$62,818
Mr. Donald T. Wallace	400	\$100	\$40,000	\$10,652	\$50,652
MRV Consulting, LLC	400	\$125	\$50,000	. \$4,737	\$54,737
Option III					
Dr. Richard Storch	450	\$125	\$56,250	\$8,555	\$64,805
Ms. Victoria Dlugokecki	400	\$160	\$64,000	\$7,788	\$71,788
Espeseth Associates, LLC	432	\$13 <i>5</i>	\$58,320	\$4,498	\$62,818
Mr. Donald T. Wallace	400	\$100	\$40,000	\$10,652	\$50,652
MRV Consulting, LLC	400	\$125	\$50,000	\$4,737	\$54,737

Subcontractor(s):

Edison Welding Institute

Base - \$79,998 Option I - \$40,000 Option II - \$40,000 Option III - \$40,000

The preceding listing of subcontracts were evaluated during negotiations as required by Paragraph (j) of the contract clause at FAR 52.244-2 entitled "Subcontracts" and therefore do not require consent in accordance with paragraphs (c) and (e) of the Subcontracts clause. This consent is based upon the information submitted by the prime contractor in accordance with FAR 52.244-2 (e) (1) (i) through (vii).

For additional subcontracts beyond those listed above, the Contracting Officer's written consent to subcontract is only required in accordance with Paragraphs (b), (c), and (d) of FAR 52.244-2.

Section I - Contract Clauses

The clauses found in Section I of the Indefinite Delivery Indefinite Quantity (IDIQ) N00014-19-D-7001 apply to this order.

Clauses Included by Full Text

Section J - List of Documents, Exhibits and Other Attachments

Number	Title	Number of Pages
Exhibit A	A1.09 N00014-19-F-M010 CINSAM Award Exhibit A Project CDRLS	
Enclosure	A1.09 N00014-19-F-M010 ENCLOSURE NUMBER 1	!
1	A1.09 N00014-19-F-M010 Attachment 1 SOW FINAL)
2	A1.09 N00014-19-F-M010 Attachment 2 Report Format	<u> </u>